

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| L1 | 69 | ("20020002389" "20020115939" "20020151938" "20020161410" "20030055461" "20030074029" "20040002741" "20050080460" "20050203429" "4291699" "4674518" "5154171" "5174286" "5328460" "5643327" "5800467" "5861008" "5957861" "6070100" "6119040" "6278894" "6314322" "6336903" "6409675" "6438408" "6494832" "6512949" "6512952" "6572557" "6622045" "6628988" "6643546" "6645153" "6711439" "7171258"). PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:53 |
| L2 | 2858 | bornzin-g\$.in. or park-e\$. in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:54 |
| L3 | 343 | 2 and (ventricle or ventricular) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:54 |
| L4 | 256 | 2 and (("128"/\$.ccls.) or ("600"/\$.ccls.) or ("607"/\$. ccls.) or ("604"/\$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:54 |
| L5 | 501 | 2 and implant\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:55 |
| L6 | 590 | 1 3 4 5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:55 |
| L7 | 2 | ("7225015").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 03:57 |

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|-----|-----|--|--|----|-----|---------------------|
| L8 | 51 | ("20020151807" "20030013974" "20030045805" "20030060724" "20030060854" "20030073914" "20030144700" "20030153956" "20030208129" "20040077941" "20040249420" "3828768" "4674509" "4679144" "4799486" "4974162" "5113869" "5135004" "5148812" "5159932" "5199428" "5203326" "5213106" "5313953" "5365426" "5531768" "5560368" "5560370" "5643327" "5792065" "5978710" "6016443" "6021350" "6081747" "6108577" "6112116" "6115628" "6128526" "6155267" "6233486" "6256538" "6264606" "6272379" "6361503" "6381493" "6501983" "6539259" "6604000" "6609023" "6615075" "6823213"). PN. OR ("7225015").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 03:57 |
| L9 | 638 | 1 3 4 5 7 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:59 |
| L10 | 263 | 9 and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 03:59 |
| L11 | 2 | ("7430447").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 04:03 |

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| L12 | 23 | ("20010037067" "20030040776" "20030105499" "20030153953" "20040006375" "20040106962" "20050039745" "4712555" "4788980" "4940052" "4944298" "5184615" "5466254" "5507785" "5578064" "5683427" "5957861" "6314323" "6454719" "6589188" "6600949" "6741885" "7212858"). PN. OR ("7430447").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:04 |
| L13 | 275 | (1 3 4 5 7 8 11 12) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:04 |
| L14 | 60 | ("3614954" "3716059" "4184493" "4202340"). PN. OR ("4291699").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:05 |
| L15 | 318 | (1 3 4 5 7 8 11 12 14) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:05 |
| L16 | 87 | (1 3 4 5 7 8 11 12 14) and impedance.dlm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:06 |
| L17 | 2 | ("7272443").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 04:07 |
| L18 | 27 | ("20020002389" "20020115939" "20030055461" "20030074029" "20040172080" "4291699" "4674518" "5328460" "5643327" "5861008" "5957861" "6070100" "6314322" "6409675" "6438408" "6494832" "6512949" "6512952" "6539261" "6572557" "6622045" "6628988" "6643546" "6645153" "6711439"). PN. OR ("7272443").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:07 |

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| L19 | 321 | (1 3 4 5 7 8 11 12 14 17 18) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:07 |
| L20 | 89 | (1 3 4 5 7 8 11 12 14 17 18) and impedance.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:08 |
| L21 | 2 | ("2005/0215914").URPN. | USPAT | OR | ON | 2009/01/12 04:08 |
| L22 | 22 | ("20010037067" "20020115939" "20030055461" "20030149367" "20030149453" "20040019365" "20050215914" "4860751" "5328460" "5514162" "6002963" "6045513" "6190324" "6249705" "6280409" "6512952" "6572557" "6628988" "6643546" "6741885").PN. OR ("7171271").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:09 |
| L23 | 329 | (1 3 4 5 7 8 11 12 14 17 18 21 22) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:09 |
| L24 | 112 | (1 3 4 5 7 8 11 12 14 17 18 21 22) and impedance and ("heart failure" or "heart-failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:09 |
| L25 | 36 | (1 3 4 5 7 8 11 12 14 17 18 21 22) and impedance. clm. and ("heart failure" or "heart-failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:10 |
| L26 | 3 | (1 3 4 5 7 8 11 12 14 17 18 21 22) and impedance. clm. and ("heart failure". clm. or "heart-failure". clm.) and volume.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:10 |
| L27 | 0 | ("2005/0203429").URPN. | USPAT | OR | ON | 2009/01/12 04:12 |

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| L28 | 52 | ("20020188206" "20030167012" "20050203428" "3340867" "3340867" "3835840" "3835840" "4326539" "4450527" "4450527" "4562843" "4582843" "4807638" "4905705" "5025784" "5109863" "5178154" "5309917" "5309917" "5423326" "5423326" "5433073" "5578291" "5617869" "5824029" "6048319" "6647289" "6648828" "6652466" "RE30101").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:13 |
| L29 | 362 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:14 |
| L30 | 260 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28) and impedance and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:14 |
| L31 | 116 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28) and impedance and ("heart failure" or "heart-failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:14 |
| L32 | 103 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28) and impedance.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:14 |
| L33 | 180 | 31 32 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:14 |
| L34 | 0 | ("2005/0203428").URPN. | USPAT | OR | ON | 2009/01/12 04:15 |
| L35 | 51 | ("20050203427" "20050203428" "20050203429" "3340867" "3340867" "3835840" "4326539" "4450527" "4450527" "4562843" "4807638" "4905705" "5025784" "5109863" "5178154" "5309917" "5417715" "5417717" "5423326" "5433073" "5578291" "5617869" "5824029" "6048319" "7146208" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:15 |

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| | | "RE30101" "RE30101"). PN. | | | | |
| L36 | 370 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:15 |
| L37 | 265 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35) and impedance and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:15 |
| L38 | 118 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35) and impedance and ("heart failure" or "heart-failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:15 |
| L39 | 140 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35) and impedance and ("heart failure" or "heart-failure") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:16 |
| L40 | 107 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35) and impedance.dlm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:16 |
| L41 | 204 | 38 39 40 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:16 |
| L42 | 0 | ("2005/0203427").URPN. | USPAT | OR | ON | 2009/01/12 04:17 |
| L43 | 47 | ("20030199955" "3340867" "3835840" "4326539" "4450527" "4523326" "4562843" "4807638" "4905705" "5025784" "5109863" "5178154" "5305745" "5309917" "5417715" "5433073" "5578291" "5617869" "5824029" "6048319" "6561986" "RE30101").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:17 |
| L44 | 375 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:18 |
| L45 | 268 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43) and impedance and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:18 |

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| L46 | 119 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43) and impedance and ("heart failure" or "heart-failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:18 |
| L47 | 141 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43) and impedance and ("heart failure" or "heart-failure") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:18 |
| L48 | 110 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43) and impedance.cdm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:18 |
| L49 | 207 | 46 47 48 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:18 |
| L50 | 9 | ("2005/0080460").URPN. | USPAT | OR | ON | 2009/01/12 04:19 |
| L51 | 20 | ("20010037067" "20030093125" "20040167411" "20040220632" "20050080460" "4986277" "5146414" "5372607" "5476483" "5482035" "6024705" "6299582" "6366812" "6394958" "6466819" "6506161" "6572557" "6647293" "6675043" "6689069").PN. OR ("7308309").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:19 |
| L52 | 392 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:20 |
| L53 | 283 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51) and impedance and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:20 |
| L54 | 130 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51) and impedance and ("heart failure" or "heart-failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:20 |
| L55 | 152 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51) and impedance and ("heart failure" or "heart-failure") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:20 |

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|-----|-----|---|--|----|----|---------------------|
| L56 | 118 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51) and impedance.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:20 |
| L57 | 219 | 54 55 56 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:20 |
| L58 | 356 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51) and impedance and (time or timing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:24 |
| L59 | 116 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51) and impedance.clm. and (time or timing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:24 |
| L60 | 219 | 54 55 56 59 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:24 |
| L61 | 113 | ("3131689" "3320946" "3851641" "3949736" "4291699" "4303075" "4458694" "4587975"). PN. OR ("4674518").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:49 |
| L62 | 469 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:49 |
| L63 | 349 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and impedance and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:49 |
| L64 | 154 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and impedance and ("heart failure" or "heart- failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:49 |
| L65 | 177 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and impedance and ("heart failure" or "heart- failure") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:49 |
| L66 | 144 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and impedance.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:49 |
| L67 | 428 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and impedance and (time or timing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:50 |

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|-----|-----|--|--|----|-----|---------------------|
| L68 | 140 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and impedance.dlm. and (time or timing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:50 |
| L69 | 264 | 64 65 66 68 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:50 |
| L70 | 43 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and ("pre ejection" or "preejection" or "pre-ejection") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:52 |
| L71 | 2 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and ((before or prior) adj2 ejection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:52 |
| L72 | 59 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61) and ((diastole or diastolic or "end-diastolic") adj3 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:53 |
| L73 | 4 | ((("4,865,036") or ("5,154,171")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 04:54 |
| L74 | 71 | ("4535774" "4730619" "4773401" "4802481"). PN. OR ("4865036" "5154171").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:54 |
| L75 | 43 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71) and ("pre ejection" or "preejection" or "pre-ejection") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:54 |
| L76 | 59 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71) and ((diastole or diastolic or "end-diastolic") adj3 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:55 |
| L77 | 3 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71) and ((before or prior) adj3 ejection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:55 |

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|-----|-----|--|--|----|----|---------------------|
| L78 | 54 | ("3730171" "3835839" "3835840" "3871359" "3882851" "3994284" "3996925" "4270547" "4303075" "4305400" "4450527" "4548211" "4781201" "4802491" "Re30101").PN. OR ("5178154").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 04:56 |
| L79 | 4 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71 78) and ((before or prior) adj3 ejection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:57 |
| L80 | 64 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71 78) and ((diastole or diastolic or "end-diastolic") adj3 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:57 |
| L81 | 48 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71 78) and ("pre ejection" or "preejection" or "pre-ejection") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:57 |
| L82 | 13 | 80 and 81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:57 |
| L83 | 99 | 80 81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:57 |
| L84 | 52 | "isovolumetric contraction" adj2 (time or period or interval) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 04:59 |
| L85 | 353 | impedance and ((diastole or diastolic or "end- diastolic") adj3 volume) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:05 |
| L86 | 24 | EDV.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:05 |
| L87 | 3 | LVEDV.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:05 |
| L88 | 1 | RVEDV.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:05 |

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| L89 | 0 | VEDV.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:05 |
| L90 | 63 | ("3871359" "4112953" "4303075" "4399820" "4436092" "4476874" "4535774" "4590944" "4686987" "4730619" "4733667" "4802481" "4813952" "4974511" "4995390" "5003976" "5007927" "5081988" "5094244" "5137019" "5139020" "5154171" "5174286" "5184615" "5235975" "5259395" "5318595" "5324323" "5383873" "5417715" "5417717" "5423869" "5423870" "5464420" "5480441" "5498254" "5507785" "5531772" "5542915" "5549653" "5562595" "5824019"). PN. OR ("6314322").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 05:08 |
| L91 | 23 | ("4535774" "4877035" "5107838" "5199438" "5274549" "5390679" "5417717" "5423326" "5445159" "5450850" "5634467").PN. OR ("6090047").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 05:09 |
| L92 | 16 | ("4632125" "4877035" "5046502").PN. OR ("5370122").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 05:09 |
| L93 | 14 | ("4197836" "4437469" "4770177" "4858618" "4899751").PN. OR ("5046502").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 05:10 |
| L94 | 1041 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71 78 90 91 92 93) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:10 |
| L95 | 524 | impedance and 94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:10 |
| L96 | 97 | impedance and ((diastole or diastolic or "end- diastolic") with volume) and 94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:11 |

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|------|------|---|--|----|----|---------------------|
| L97 | 130 | ((diastole or diastolic or "end-diastolic") with volume) and 94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:11 |
| L98 | 29 | ("2002/0002389").URPN. | USPAT | OR | ON | 2009/01/12 05:14 |
| L99 | 27 | ("20020049478" "20020161307" "20030018363" "20030055462" "20030097158" "20030144702" "20030144703" "20040030356" "20040254483" "20050149137" "4712555" "4788980" "4940052" "4944298" "5334222" "5466254" "5476483" "5549650" "5584868" "5626623" "5643327" "6144880" "6314323" "6351673" "6360127" "6507756" "6810284").PN. OR ("7363077").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 05:16 |
| L100 | 16 | ("4674518" "5154171" "5314449" "5417717" "5466254" "5501702" "5626624" "5782774" "6070100" "6095987" "6223082" "6278894" "6405087" "6473648" "6647292" "6754530"). PN. OR ("7305266").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 05:16 |
| L101 | 1069 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71 78 90 91 92 93 99 99 100) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:19 |
| L102 | 542 | impedance and 101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:19 |
| L103 | 100 | impedance and ((diastole or diastolic or "end- diastolic") with volume) and 101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:19 |
| L104 | 135 | ((diastole or diastolic or "end-diastolic") with volume) and 101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:19 |

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|------|------|--|--|----|-----|---------------------|
| L105 | 139 | ((diastole or diastolic or "end-diastolic") with (diameter or volume)) and 101 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:19 |
| L107 | 139 | 103 104 105 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:20 |
| L108 | 2 | ("6,104,949").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 05:22 |
| L109 | 57 | ("4899758" "5040536" "5178151" "5213098" "5233984" "5263491" "5409009" "5417717" "5441524" "5562711" "5634467" "5730122" "6016445" "6044294"). PN. OR ("6104949").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 05:22 |
| L110 | 1098 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71 78 90 91 92 93 99 99 100 108 109) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:23 |
| L111 | 54 | "isovolumic contraction" adj2 (time or period or interval) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:23 |
| L112 | 94 | isovolumic adj2 (time or period or interval) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:23 |
| L113 | 104 | isovolumic adj3 (time or period or interval) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:23 |
| L114 | 211 | isovolumic with (time or period or interval) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:23 |
| L115 | 1291 | (1 3 4 5 7 8 11 12 14 17 18 21 22 28 35 43 50 51 61 71 78 90 91 92 93 99 99 100 108 109 114) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:23 |
| L116 | 637 | impedance and 115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:24 |
| L117 | 142 | impedance and ((diastole or diastolic or "end- diastolic") with volume) and 115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:24 |

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|------|-----|--|--|----|----|---------------------|
| L118 | 245 | ((diastole or diastolic or "end-diastolic") with (diameter or volume)) and 115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:24 |
| L119 | 224 | 115 and impedance.dlm. and (time or timing) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:25 |
| L120 | 228 | 115 and impedance.dlm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:25 |
| L121 | 228 | 119 120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:25 |
| L122 | 412 | 118 120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:25 |
| L123 | 143 | impedance and ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and 115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:30 |
| L124 | 252 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and 115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:31 |
| L125 | 3 | bradley-k\$.in. and heart.ti. and impedances.ti. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:32 |
| L126 | 1 | 2002-106106.NRAN. | DERWENT | OR | ON | 2009/01/12 05:32 |
| L127 | 107 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and (preejection or "pre ejection" or "pre-ejection") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:38 |
| L128 | 296 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and ((isovolumetric or isovolumic) with (contraction or interval or period or time)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:39 |

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|------|-----|---|--|----|----|---------------------|
| L129 | 50 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and ((before or prior) adj3 ejection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:39 |
| L130 | 0 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and ((before or prior) adj3 "LV-ejection") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:40 |
| L131 | 399 | 127 128 129 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:40 |
| L132 | 17 | ((preload or "pre load" or "pre-load") with impedance) and (("128"/\$.ccls.) or ("600"/\$.ccls.) or ("607"/\$.ccls.) or ("604"/\$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:43 |
| L133 | 48 | ((preload or "pre load" or "pre-load") same impedance) and (("128"/\$.ccls.) or ("600"/\$.ccls.) or ("607"/\$.ccls.) or ("604"/\$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:44 |
| L134 | 117 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size impedance)) and (preejection or "pre ejection" or "pre-ejection") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:47 |
| L135 | 302 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size or impedance)) and ((isovolumetric or isovolumic) with (contraction or interval or period or time)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:48 |
| L136 | 50 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size or impedance)) and ((before or prior) adj3 ejection) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:48 |

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|------|------|---|--|----|----|---------------------|
| L137 | 413 | 134 135 136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:48 |
| L138 | 178 | 137 and impedance | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 05:50 |
| L139 | 6 | ("2003/0204212").URPN. | USPAT | OR | ON | 2009/01/12 06:27 |
| L140 | 1423 | ((diastole or diastolic or "end-diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection) same impedance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:36 |
| L141 | 1670 | ((diastole or diastolic or "end-diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or preload or "pre load" or "pre-load") same impedance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:36 |
| L142 | 1237 | 141 and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:36 |
| L143 | 390 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and 141 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:37 |
| L144 | 50 | 141 and EDV | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:37 |
| L145 | 8 | 141 and LVEDV | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:37 |
| L146 | 347 | ((diastole or diastolic or "end-diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection) same (bioimpedance or "bio-impedance" or impedance)) and ("607"/\$. ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:38 |

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|------|-----|--|--|----|-----|---------------------|
| L147 | 493 | ((diastole or diastolic or "end-diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection) same (bioimpedance or "bio-impedance" or impedance)) and ("600"/\$. ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:38 |
| L148 | 17 | 146 and (EDV or LVEDV or VEDV or RVEDV) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:39 |
| L149 | 35 | 147 and (EDV or LVEDV or VEDV or RVEDV) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:39 |
| L150 | 48 | 148 149 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:39 |
| L151 | 2 | ("2005/0049646").URPN. | USPAT | OR | ON | 2009/01/12 06:41 |
| L152 | 2 | ("7395114").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 06:41 |
| L153 | 6 | ("20010012953" "20020002389" "4919136" "5154171" "5309917" "7171258"). PN. OR ("7395114").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 06:41 |
| L154 | 2 | ("2003/0163058").URPN. | USPAT | OR | ON | 2009/01/12 06:45 |
| L155 | 113 | ("1908688" "2327874" "3284724" "3340867" "3402572" "3601126" "3971365" "4207772" "4450527" "4504882" "4509526" "4562843" "4807638" "4836214" "4850361" "4858614" "4953556" "5052395" "5103828" "5178151" "5178154" "5188106" "5241964" "5309917" "5316004" "5423326" "5443073" "5469859" "5503157" "5505209" "5529072" "5685316" "5685316" "5782774" "5791349" "6016445" "6058325" "6098987" "6102869" "6161038" "6161038" "6169914" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:46 |

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|------|------|---|--|----|-----|---------------------|
| | | "6186955" "6238349" "6316518" "6334849" "6336045" "6442422" "6490474" "6511438" "6633777" "6641520"). PN. | | | | |
| L156 | 6 | ("5921936" "6090047"). PN. OR ("6334849").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 06:47 |
| L157 | 1518 | ((diastole or diastolic or "end-diastolic" or ejection or "pre ejection" or "pre- ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") same (bioimpedance or "bio- impedance" or impedance)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:54 |
| L158 | 393 | ((diastole or diastolic or "end-diastolic") with (diameter or dimension or volume or size)) and 157 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:54 |
| L159 | 59 | 157 and (EDV or LVEDV or VEDV or RVEDV) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:54 |
| L160 | 396 | 158 159 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 06:54 |
| L161 | 0 | ("2006/0149155").URPN. | USPAT | OR | ON | 2009/01/12 06:58 |
| L162 | 3 | ("7416529").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 06:58 |
| L163 | 2 | ("20030045800" "6438408").PN. OR ("7416529").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 06:58 |
| L164 | 1 | ("2005/0125042").URPN. | USPAT | OR | ON | 2009/01/12 07:03 |
| L165 | 2 | "189161".apn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:04 |
| L166 | 1 | ("2004/0006279").URPN. | USPAT | OR | ON | 2009/01/12 07:05 |
| L167 | 2 | ("7096061").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 07:05 |

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| L168 | 7 | ("20030126630" "5311878" "5746214" "5749369" "5788643" "6387671").PN. OR ("7096061").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:05 |
| L169 | 56 | ("4008712" "4197845" "4793362" "4803625" "4895163" "4911175" "4947862" "5086781" "5203344" "5282840" "5335667" "5372141" "5396886" "5415176" "5427113" "5449000" "5482035" "5529072" "5579782" "5584291" "5611351" "5615689").PN. OR ("5788643").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:06 |
| L170 | 1 | ("2004/0087870").URPN. | USPAT | OR | ON | 2009/01/12 07:11 |
| L171 | 2 | ("7190996").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 07:12 |
| L172 | 3 | ("2004/0049238").URPN. | USPAT | OR | ON | 2009/01/12 07:15 |
| L173 | 2 | ("7082329").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 07:16 |
| L174 | 7 | ("4095705" "4905696" "5211177" "5427112" "5556419" "5735286").PN. OR ("7082329").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:16 |
| L175 | 31198 | ((("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with (volume or pressure or "LVEDP" or "EDP" or "EDV" or "LVEDV")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:24 |
| L176 | 2883 | 175 and (("128"/\$.ccls.) or ("600"/\$.ccls.) or ("607"/\$.ccls.) or ("604"/\$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:25 |

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|------|------|--|--|----|-----|---------------------|
| L177 | 8741 | ((("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with (volume or "LVEDP" or "EDP" or "EDV" or "LVEDV")) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:25 |
| L178 | 1732 | 177 and (("128"/\$.ccls.) or ("600"/\$.ccls.) or ("607"/\$.ccls.) or ("604"/\$.ccls.)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:25 |
| L179 | 523 | 177 and ("607"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:25 |
| L180 | 1096 | 177 and ("600"/\$.ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:25 |
| L181 | 2 | ("7437192").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 07:27 |
| L182 | 24 | ("20020115939" "20020120200" "20030130581" "20030199933" "20030233118" "20040049235" "4707481" "5153178" "5163429" "5328460" "5626623" "5817135" "5861008" "6044297" "6277078" "6314323" "6438408" "6494832" "6512952" "6580946" "6622045" "6628988" "6643546" "6666826"). PN. OR ("7437192").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:27 |
| L183 | 38 | ("4202340" "4662377" "4899751" "4917115" "4928688" "5005574" "Re27652").PN. OR ("5163429").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:29 |
| L184 | 11 | ("4774950" "5040540" "5083563" "5105810" "5163429" "5324326" "5368040" "5626623" "5743267" "5843135"). PN. OR ("6915162").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:30 |

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|------|-----|--|--|----|----|---------------------|
| L185 | 209 | ("3400709" "3614954" "3614955" "3650277" "3716059" "3893452" "3942536" "4023563" "4080966" "4114627" "4114628" "4161173" "4164946" "4184493" "4202340" "4210149" "4223678" "4254775" "4280502" "4291699" "4295474" "4300567" "4303075" "4316472" "4323075" "4393877" "4403614" "4407288" "4427011" "4440172" "4475551" "4523595" "4548203" "4548209" "4559946" "4572191" "4576170" "4592367" "4614192" "4625730" "4662377" "4693253" "4702253" "4708143" "4770177" "4774950" "4791931" "4802481" "4817605" "4869252" "4895151" "4899751" "4901725" "4917115" "4928638" "4928688" "4940053" "4945909" "5005574" "Re27652") PN. OR ("4774950" "5083563" "5105810" "5163429").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:33 |
| L186 | 30 | ("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre- ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") and 185 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:33 |
| L187 | 46 | ("3614954" "3815611" "4052991" "4191193" "4303075" "4428378" "4458695" "4469104" "4485813" "4527568" "4535774" "4566456" "4686987").PN. OR ("4802481").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:36 |
| L188 | 38 | ("3614954" "3815611" "4052991" "4191193" "4428378" "4485813" "4535774").PN. OR ("4708143").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:36 |

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|------|-----|---|--|----|----|---------------------|
| L189 | 159 | ((("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with (volume or "LVEDP" or "EDP" or "EDV" or "LVEDV" or impedance or pressure)) and baseline. clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 07:48 |
| L190 | 28 | ("4719921" "4730619" "4773401" "4865036" "5156142" "5549650"). PN. OR ("5674256").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:53 |
| L191 | 31 | ("20020143264" "20030097158" "20030105496" "20030199936" "5168869" "5334222" "5454838" "5540727" "5549650" "5554177" "5562711" "5578064" "5584868" "5609612" "5628777" "5674256" "5700283" "5800471" "5836987" "6058329" "6070100" "6144878" "6144880" "6208901" "6223082" "6280389" "6371922" "6597951"). PN. OR ("6963777").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:54 |
| L192 | 22 | ("5540727" "5674256" "5700283" "5836987" "6070100" "6223082"). PN. OR ("6665564").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/01/12 07:55 |
| L193 | 6 | pacesetter\$.as. and impedance.clm. and baseline.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:02 |
| L194 | 596 | ((("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with impedance) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:04 |
| L195 | 99 | 194 and impedance.clm. and ("heart failure" or "heart-failure") and volume | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:04 |

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|------|------|--|--|----|-----|---------------------|
| L196 | 185 | 194 and ("heart failure" or "heart-failure") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:04 |
| L197 | 2343 | (607/4-6).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:08 |
| L198 | 1899 | (607/9).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:08 |
| L199 | 853 | (607/17-18).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:08 |
| L200 | 307 | (607/24-25).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:09 |
| L201 | 2494 | (600/508-509).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:09 |
| L202 | 501 | (600/513).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:09 |
| L203 | 211 | (600/521).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:09 |
| L204 | 333 | (600/526).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:09 |
| L205 | 1585 | (600/547).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2009/01/12 08:09 |
| L206 | 1665 | (197 198 199 200 201 202 203 204 205) and impedance.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:09 |
| L207 | 90 | (197 198 199 200 201 202 203 204 205) and impedance.clm. and baseline.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:09 |

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| L208 | 26 | (197 198 199 200 201 202 203 204 205) and impedance.clm. and baseline.clm. and (volume.clm. or "EDV".clm. or "LVEDV".clm.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:10 |
| L209 | 19 | (197 198 199 200 201 202 203 204 205) and impedance.clm. and baseline.clm. and (volume.clm. or "EDV".clm. or "LVEDV".clm.) and time.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:11 |
| L210 | 142 | ((("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with impedance) and 206 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:11 |
| L211 | 77 | ("end-diastolic".clm. or "end diastolic".clm. or ejection.clm. or "pre ejection".clm. or "pre-ejection".clm. or preejection.clm. or isovolumic.clm. or isovolumetric.clm. or "PEP".clm. or "IVCT".clm.) and 206 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:12 |
| L212 | 48 | ("end-diastolic".clm. or "end diastolic".clm. or ejection.clm. or "pre ejection".clm. or "pre-ejection".clm. or preejection.clm. or isovolumic.clm. or isovolumetric.clm. or "PEP".clm. or "IVCT".clm.) and 210 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:12 |
| L213 | 4 | 212 and baseline.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:12 |
| L214 | 21 | (197 198 199 200 201 202 203 204 205) and ("bio-impedance".clm. or "bioimpedance".clm. or impedance.clm.) and (track \$4.clm. or trend\$4.clm.) and baseline.clm. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:14 |

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| L215 | 2 | ((("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with impedance) and 214 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:15 |
| L216 | 16 | (197 198 199 200 201 202 203 204 205) and ("bio-impedance".clm. or "bioimpedance".clm. or impedance.clm.) and (track \$4.clm. or trend\$4.clm.) and ("heart failure".clm. or "heart-failure".clm. or "CHF".clm. or "HF".clm.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:16 |
| L217 | 74 | (197 198 199 200 201 202 203 204 205) and ("bio-impedance".clm. or "bioimpedance".clm. or impedance.clm.) and ("heart failure".clm. or "heart-failure".clm. or "CHF".clm. or "HF".clm.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:18 |
| L218 | 19 | ((("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with impedance) and 217 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:18 |
| L219 | 11 | ("end-diastolic".clm. or "end diastolic".clm. or ejection.clm. or "pre ejection".clm. or "pre-ejection".clm. or preejection.clm. or isovolumic.clm. or isovolumetric.clm. or "PEP".clm. or "IVCT".clm.) and 217 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:18 |
| L220 | 391 | (197 198 199 200 201 202 203 204 205) and ("bio-impedance".clm. or "bioimpedance".clm. or impedance.clm.) and ("heart failure" or "heart-failure" or "CHF") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:19 |

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| L221 | 68 | (("end-diastolic" or "end diastolic" or ejection or "pre ejection" or "pre-ejection" or preejection or isovolumic or isovolumetric or "PEP" or "IVCT") with impedance) and 220 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:20 |
| L222 | 43 | ("end-diastolic".clm. or "end diastolic".clm. or ejection.clm. or "pre ejection".clm. or "pre-ejection".clm. or preejection.clm. or isovolumic.clm. or isovolumetric.clm. or "PEP".clm. or "IVCT".clm.) and 220 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2009/01/12 08:20 |

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